

AIM Ann Report
1894 to 1895

ANNUAL REPORT
OF THE
Auckland Institute

AND
MUSEUM

For 1894-95.

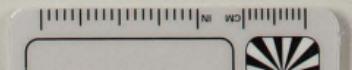
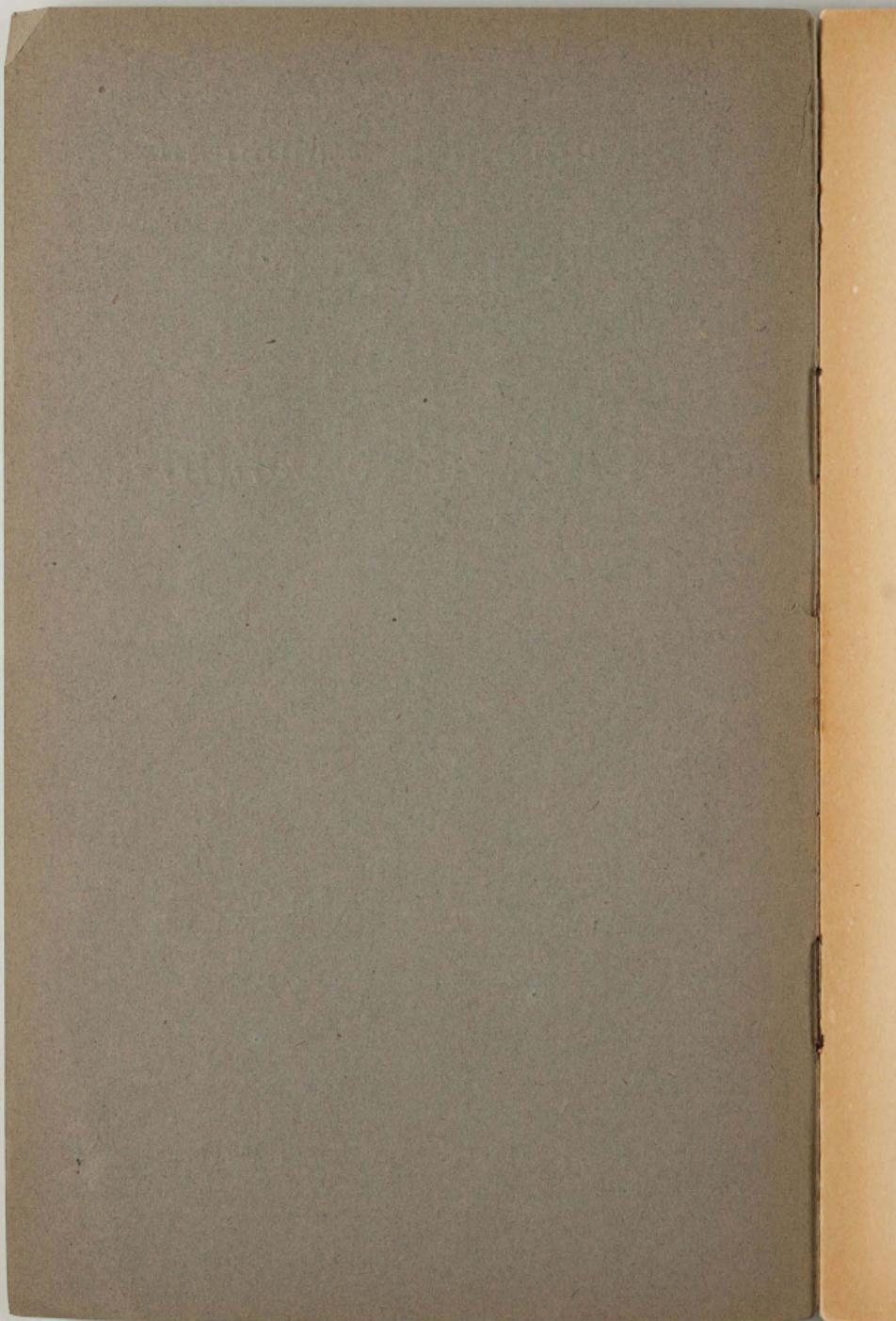
ADOPTED AT THE ANNUAL MEETING HELD FEBRUARY 18, 1895.

Auckland :

WILSONS AND HORTON, BOOK AND GENERAL PRINTERS, QUEEN & WYNDHAM STREETS.

MDCCCXCV.

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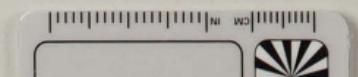
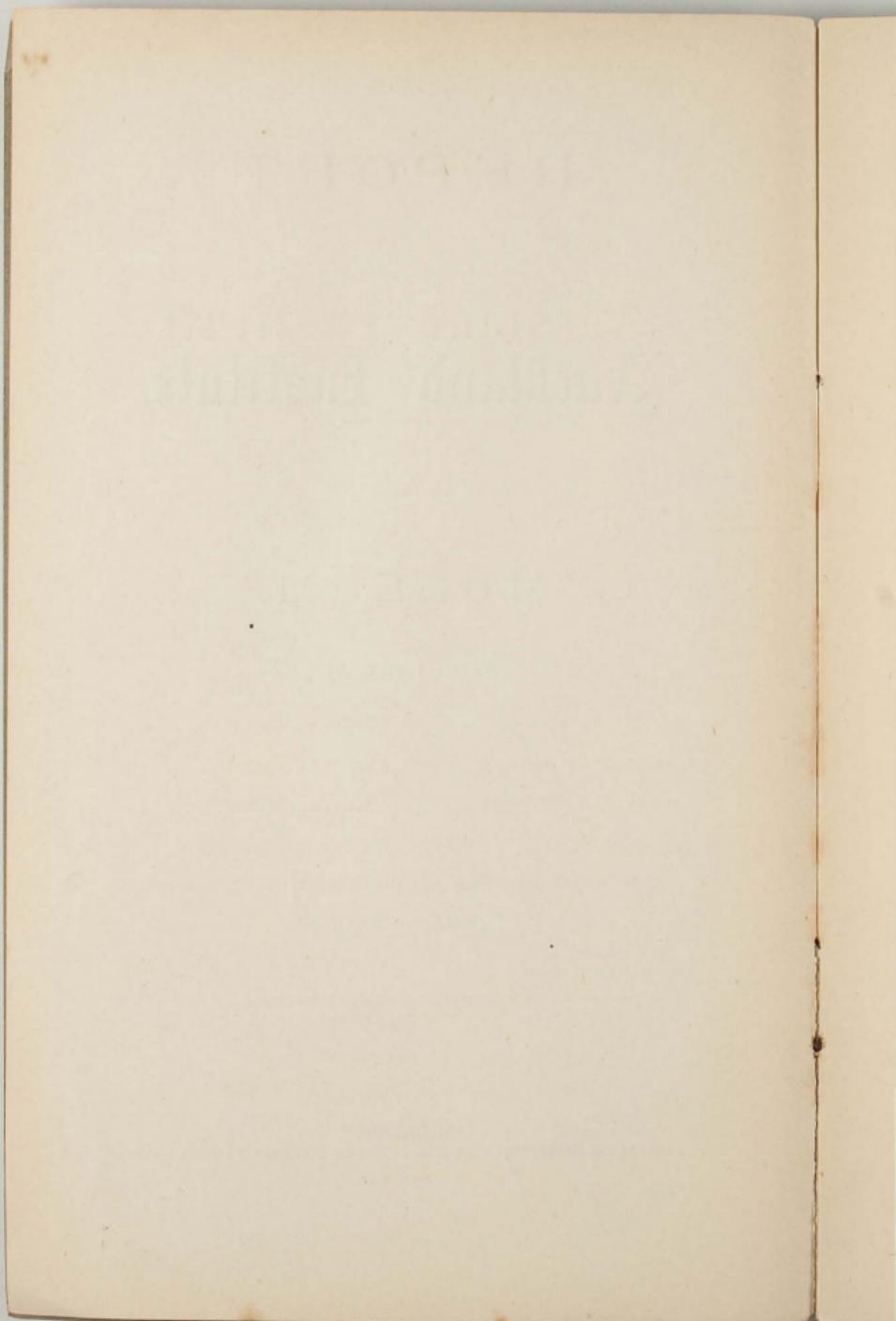
Adopted at the Annual Meeting held on
February 18, 1895.

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Officers

OF THE

Auckland Institute

President:

PROFESSOR A. P. THOMAS, F.L.S.

Vice-President:

J. H. UPTON, Esq.

Council:

BATES, REV. J.	PEACOCK, T., Esq.
BERRY, W., Esq.	POND, J. A., Esq.
BROWN, PROFESSOR F. D., F.C.S.	SMITH, T. H., Esq.
MACKEYNIE, E. A., Esq.	STEWART, J., Esq., C.E.
MUELLER, G., Esq.	TUBBS, PROFESSOR H. A.

WITHY, E., Esq.

Trustees:

MACKEYNIE, E. A. Esq.	SMITH, S. P., Esq., F.R.G.S.
PEACOCK, T., Esq.	

Secretary and Treasurer:

T. F. CHEESEMAN, Esq., F.L.S., F.Z.S.

Auditor:

W. GORRIE, Esq.

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The Following Magazines and Periodicals

are Circulated among the Members:

Quarterly Journal of Microscopical Science
The Ibis
Nature
Natural Science
Geological Magazine
Lancet
Scientific American
The Academy
Knowledge
Botanical Magazine
Annals of Botany
Gardeners' Chronicle
Chemical News
Engineering
Science Gossip
Electrical and Telegraphic Review
Annals and Magazine of Natural History
The Philosophical Magazine
American Journal of Science
The New Zealand Medical Journal

Report of the Council.

IN conformity with the constitution of the Institute, the Council have now to present to the members their Twenty-seventh Annual Report on the financial and general condition of the Institute, and its progress during the past year.

Members.—Nine new members have been added to the roll since the last annual meeting. This number, though small, shews a slight increase on that for the previous year, when the elections were six only. On the other hand, fifteen names have been withdrawn—three from death, nine from resignation, and three from non-payment of subscription for more than two consecutive years. There has thus been a net decrease of six during the year, the number on the roll at the present time being 171. The names removed by death are Mr. J. B. Russell (who for several years served on the Council, and who always took an active interest in the affairs of the Society), the Hon. P. Dignan, and Mr. J. H. Lusher.

Finance.—The following synopsis of the balance sheets appended to the Report will enable the members to form a proper idea of the financial position of the Institute. The total revenue of the general account is stated at £1,357 10s. 5d., but this sum includes the balance of £53 14s. 7d. carried from the previous year, and also a temporary advance of £306 6s. 7d. obtained from the capital account for the purpose of defraying the cost of purchasing and re-erecting the celebrated carved house at Maketu, allusion to which will be made further on. Deducting these amounts, it will be seen that the real income of the Society has been £997 9s. 3d. This shews a marked increase on the amount for the previous year, which was £934 7s. 6d. The interest derived from the invested funds of the Costley bequest has been £474 12s. 2d.; while the Museum endowment has contributed in rents and interest on investments £343 2s., the latter sum being the largest yet received from this source. The members' subscriptions have yielded £129 3s., almost exactly the same amount as that credited in the previous year. The expenditure reaches a total of £1,283 16s. 1d., leaving a credit balance of £73 14s. 4d. in the Bank of New Zealand. The invested funds of the Institute are in a satisfactory condition. The total amount at the present time is £12,845, shewing an increase of £356 during the year. With the exception of about £600, the whole of this sum is now invested on mortgage on freehold property. The Council have exercised the utmost care in selecting the various securities, and

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believe that the whole of them are exceptionally good and stable. Altogether, the financial position of the Institute may be considered as thoroughly sound.

Museum Endowments.—Some small sales of township allotments have been effected during the year, and the proceeds have been duly paid over and invested, but beyond this there is little to report. The Council are now negotiating with the Crown Lands Board respecting the utilisation of the Tihitih Block, at Whangarei, the largest of the Museum endowments; and it is hoped that a concerted plan of action may be decided upon under which the block may be cut up and either sold for cash or leased for a term of years. The chief difficulty in dealing with the endowments, as has been pointed out in previous reports, is that there is little demand for country lands except under perpetual lease; and under that system the rents are so small, and are often paid with such irregularity, that the Council are unwilling to adopt it, except in a partial and tentative manner.

Meetings.—Ten meetings have been held during the year, at which the following papers were read and discussed:—

1. Introductory address:—By the President, Mr. J. H. UPTON.
2. The Economic Effects of Various Land Tenures:—By E. WITHY.
3. The Geology, Mineral Resources and Future Prospects of the Thames Goldfields:—By J. PARK, F.G.S.
4. A Greek Madonna:—By Prof. A. TUBBS.
5. The Treatment of the Insane, Historically Considered:—By F. G. EWINGTON.
6. Comparative Religion:—By the Rev. J. BATES.
7. Poetry Considered as the Interpretation of Life:—By Prof. C. W. EGERTON.
8. A Yorkshire Blood Feud:—By F. D. FENTON.
9. Darwin:—By Prof. A. P. THOMAS.
10. Shooting Stars and Meteors:—By Prof. H. W. SEGAR.
11. A Poet's Socialism:—By E. A. MACKECHNIE.
12. Maori Preserved Heads:—Rev. P. WALSH.
13. The Copepods and Cladoceres of the Hauraki Gulf:—By Dr. KRAMER.
14. Explosives:—By Prof. F. D. BROWN.

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Most of the above papers have been forwarded to the Manager of the New Zealand Institute at Wellington, with the view of their publication in the forthcoming volume of Transactions.

Museum.—The attendance of visitors at the Museum continues to be satisfactory. On Sunday afternoons a register has been kept by the janitor, which shews that 9,873 persons entered the building on that day, being an average of 189 for each Sunday. The largest attendance was 334 on August 26th, and the smallest 34 on June 17th. On week days the visitors are only occasionally counted, but sufficient data are available for considering the average daily attendance to be about 110. If the few days on which the Museum was closed are excluded from the calculation, the approximate week-day attendance can be given as 33,000, the total for the year consequently being 41,873. The greatest attendance on any one day was 443 on May 24 (Queen's Birthday). On the whole, the statistics shew that the attendance on Sunday afternoons has slightly decreased during the year; but that this decrease has been more than counterbalanced by an increase in the number of week-day visitors.

The most interesting addition made to the Museum is the celebrated Maori Carved House formerly standing at Maketu, in the Bay of Plenty, and owned by Te Pokiha Taranui, the leading chief of the Ngatipikiao tribe. Early in the year Mr. F. D. Fenton ascertained that the house could probably be purchased, and after a short negotiation secured an offer of it for the sum of £150. This he placed before the Council, strongly advocating its purchase. The desirability of securing for the City of Auckland such an excellent example of Maori art, at a price so reasonable, could not be gainsaid, and the Council gladly agreed to take advantage of the offer. The house was very carefully taken down and shipped to Auckland, and has since been erected in the centre of the Ethnological Hall, where it forms a very striking and imposing object. The total cost of its purchase, together with its removal and re-erection, has been £306 6s. 7d. This amount was much too large to be defrayed out of a single year's revenue, and it was consequently decided to charge it temporarily against the capital account, on the understanding that as large a sum as possible should be repaid at the close of each year until the whole had been returned. In fulfilment of this promise, a first instalment of rather more than one-third has just been paid into the investment account, leaving a balance of £200, which will probably be extinguished before the expiration of two years. The Council would here put on record their appreciation of the services rendered by Mr. Fenton to the Museum in this matter. As already stated, all the preliminary negotiations for the purchase of the house were made by him.

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At considerable personal inconvenience he accompanied the Curator to Maketu, in order to smooth over any difficulties which might have arisen in completing the purchase, and during the re-erection of the house his wide knowledge of the Maori race and its manners and customs were made freely available.

Appended to the report will be found a complete list of all additions to the Museum. Many of these are both interesting and valuable, but it is hardly necessary to describe them in detail here.

During the year the following work has been done in the Museum:—The re-arrangement of the foreign birds, commenced in the previous year, has been completed. Several minor changes have been made in the classification of the ethnological collections. The mineralogical collections have been cleaned, re-arranged, and re-labelled, all recent additions being worked into their proper places. An explanatory series, intended to facilitate the study of the mineral collection by beginners, has been formed and supplied with printed descriptive labels. The collection of New Zealand fossils, by far the greater portion of which had never been exhibited to the public, has been cleaned, systematically arranged, mounted, and labelled. The type collection of rocks, purchased some time ago in London, has been more suitably displayed; as also a special collection presented by Mr. Park, intended to illustrate the geology of the Thames Goldfields. The recent shells, both New Zealand and foreign, have also been carefully overhauled and re-labelled. In carrying out the above work, the Curator has had the help of Mr. Henry Suter, whose temporary appointment as assistant in the Museum the Council sanctioned some time ago.

Library.—Under this head the Council have but little to report. Some expenditure has been incurred in binding arrears of magazines and serial literature, and the usual subscriptions have been paid for the publications of the chief English scientific societies. The magazines and periodicals subscribed to by the Institute, a list of which will be found on another page, have been regularly received, and have been, to some extent, circulated among the members.

Little Barrier Island.—At the conclusion of last year's report the Council drew attention to the serious delay in concluding the purchase of the Little Barrier Island, and pointed out that the island was being gradually rendered less suitable for the preservation of the New Zealand fauna. At the annual meeting a resolution was passed requesting the Council to urge the Government to complete the purchase; and, in response to this, a deputation of the whole Council waited on the Premier, fully

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explaining the position of affairs, and the necessity for immediate action. The Premier expressed himself as being anxious and willing to expedite the purchase; and engaged that if the native owners continued to refuse reasonable terms a Bill would be introduced into Parliament providing for the compulsory purchase of the island at a fair valuation. This has since been done, and it is now stated that the Native Lands Court has fixed the amount payable to the owners. Probably no long period will elapse before the Government will be the sole owner of the island. If so, the Council trust that no time will then be lost in removing the few Maories still resident on the Island, and in furnishing the caretaker with full powers to prevent unauthorised persons from landing.

In conclusion, the Council have to thank the members and others for the assistance and encouragement which they have given to the objects of the Institute, and which they hope will be again rendered during the coming year.

The Treasurer in Account with the Auckland Institute and Museum Trust Board.

FEBRUARY 14, 1894, TO FEBRUARY 14, 1895.

	£ s. d.		£ s. d.
Balance in the Bank of New Zealand, Feb. 14, 1895 ..	53 14 7	Books, Periodicals, Binding	95 9 3
Annual Subscriptions	129 3 0	Additions to Museum	21 2 6
Interest from the Costley Bequest	474 12 2	Museum Requisites	37 5 10
Rents and Interest transferred from the Museum Endowment Account	343 2 0	Printing, Advertising, Insurance, Gas, Stationery, Postages, and other expenses	141 14 4
Accrued Interest on the Nathan Legacy	34 10 8	Salaries	418 12 0
Accrued Interest from Life Subscription Account ..	15 16 5	Expense of Purchase, Removal, and Re-erection of Maori House	306 6 7
Loan from Capital Account to meet expenses of Purchase, Removal, and Re-erection of Maori House	306 6 7	Portion of Loan Repaid into Capital Account	106 6 7
Miscellaneous	0 5 0	Additions to Roof of Ethnological Hall	77 8 0
	<hr/> <u>£1,357 10 5</u>	Repairs, Alterations to Show Cases	19 16 0
		Land Tax	25 0 0
		Miscellaneous Payments	4 15 0
		Balance in Bank of New Zealand, Feb. 14, 1895 ..	<hr/> <u>£1,357 10 5</u>

FEBRUARY 14, 1895.

T. F. CHEESEMAN, TREASURER.

Examined and found correct,

W. GORRIE, AUDITOR.

The Treasurer in Account with the Auckland Museum Endowment Account.

FEBRUARY 14, 1894, TO FEBRUARY 14, 1895.

	£	s.	d.		£	s.	d.	
Balance in the Bank of New Zealand, February 14, 1894	172	16	6	Insurance, Agency, etc.	
Sales of Endowments	..	232	18	0	Transferred to Working Account	343 2 0
Rents of Endowments	..	97	17	0	Transferred to Investment Account	400 0 0
Interest on Investments	..	250	19	0	Balance in Bank of New Zealand, February 14, 1895	5	14	6
		<u>£754</u>	<u>10</u>	<u>6</u>				<u>£754</u> <u>10</u> <u>6</u>

FEBRUARY 14, 1895.

T. F. CHEESEMAN, TREASURER.

Examined and found correct,

W. GORRIE, AUDITOR.

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Investments of the Auckland Institute.

I.—COSTLEY BEQUEST—

	£	s.	d.	£	s.	d.
On Mortgage on Freehold Security at 6 per cent.	4,000	0	0			
On Mortgage on Freehold Security at 6 per cent.	1,500	0	0			
On Mortgage on Freehold Security at 6½ per cent.	650	0	0			
On Mortgage on Freehold Security at 6½ per cent.	650	0	0			
On Mortgage at 6 per cent.	300	0	0			
Deposited in the New Zealand Post Office Savings Bank	400	0	0			
Loan to Working Account towards Purchase of Maori House	200	0	0			
Total of Costley Bequest bearing Interest . . .	7,700	0	0			
Invested in Real Property—Portion of Site of Museum	2,500	0	0			
Expended in Erection of Ethnological Hall . . .	1,500	0	0			
Expended in Show Cases and other Fittings . . .	450	0	0			
Total of Costley Bequest not bearing Interest . .	4,450	0	0			
Grand Total of Costley Bequest				12,150	0	0

II.—MUSEUM ENDOWMENT ACCOUNT.

On Mortgage on Freehold Security at 5½ per cent.	3,200	0	0
On Mortgage on Freehold Security at 7 per cent.	600	0	0
On Mortgage on Freehold Security at 6 per cent.	500	0	0
On Mortgage on Freehold Security at 6 per cent.	300	0	0
On Mortgage on Freehold Security at 6 per cent.	100	0	0
Waiting Investment	170	0	0
Total	4,870	0	0

III.—NATHAN BEQUEST.

On Mortgage at 6 per cent.	100	0	0	100	0	0
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IV.—LIFE SUBSCRIPTION ACCOUNT.

Deposited in Auckland Savings Bank at 4½ per cent.	175	0	0	175	0	0
Total Investments	17,295	0	0			
Proportion of above bearing interest	12,845	0	0			

T. F. CHEESEMAN,
TREASURER.

Documents and securities examined and found to be in order.

W. GORRIE,
AUDITOR.

February 14, 1895.

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Additions and Donations

TO THE

Library and Museum.

Parliamentary Papers and Reports; New Zealand Hansard for 1894; New Zealand Statistics; New Zealand Official Year Book for 1894.—The New Zealand Government.

Annual Report of the Colonial Museum and Laboratory; Transactions of the New Zealand Institute, vol 26.—The Director of the Geological Survey.

Journal of the Polynesian Society, vol. 3.—The Society.

Handbook of Tasmania for 1893; Walsh's Tasmanian Almanac for 1895.—The Colonial Secretary, Tasmania.

Publications of the Department of Mines, New South Wales, for 1893-94.—The Department.

Journal and Proceedings of the Royal Society of New South Wales, vol. 27.—The Society.

Proceedings of the Linnean Society of New South Wales, vols. 4, 5, 6, 7, 8, and vol. 9, parts 1 and 2.—The Society.

Proceedings of the Australasian Association, vol 5.—The Association.

Proceedings of the Royal Society of Queensland, vol. 10.—The Society.

Reports of the Department of Agriculture, Queensland.—The Department.

Transactions and Proceedings of the Royal Society of Victoria, vol. 19.—T. Steel.

Handbook to the Melbourne Aquarium.—The Trustees.

Mining Handbook of West Australia.—The Colonial Secretary.

Annals of the Observatory of Harvard College, U.S.A., vol. 33 part 2, vol. 40 parts 2 and 3, vol. 41 part 1.—The Observatory.

Californian State Mining Bureau: Twelfth Report of the State Mineralogist: Bulletin No. 3, The Gas and Petroleum Yielding Fountains of California; Bulletin No. 4, Catalogue of Californian Fossils; Bulletin No. 5, The Cyanide Process.—The Bureau.

Insect Life for 1894; Contributions to the United States National Herbarium, vol. 2, No. 3; vol. 3, No. 2; Bulletin No. 15.—The Department of Agriculture, U.S.A.

United States Consular Reports.—The Secretary of State, United States.

Reports of the Smithsonian Institution for 1891 and 1892; Proceedings of the United States National Museum, vols. 15 and 16; Bulletin No. 41 to 42.—The Smithsonian Institution.

Reports of the Missouri Botanical Garden for 1893-1894.—The Missouri Botanical Garden.

Bulletin No. 4 of the Illinois State Museum.—The Museum.

Bulletin for 1893 of the Geographical Society of the Argentine Republic.—The Society.

Annals of the Observatory of Rio Janeiro for 1893.—The Observatory.

Monatsbericht der Deutschen Seewarte.—The Seewarte.

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Symons' Monthly Meteorological Magazine.—The Editor.
Proceedings of the Royal Colonial Institute.—The Institute.
Bulletin of the Italian Entomological Society for 1893-94.—Professor H. H. Giglioli, Florence.
Complete Set of the Quarterly Journal of the Natural History Society of Zurich, Switzerland, 36 volumes; New Year's Leaflets of the same Society — The Natural History Society, Zurich.
Proceedings of the Royal Society, vols. 27 to 32.—Professor F. D. Brown.
Complete Set of the Statutes at Large, 22 vols.—F. D. Fenton.
Transactions of the Society for the Encouragement of Arts and Manufactures; Edinburgh Encyclopaedia, 1 vol.; Memoirs of C. J. Fox; Webster's Sermons.—Mrs. C. H. J. Hill.
McGregor's Popular Maori Songs.—The Author.
Parcel of Old Auckland Newspapers.—Mrs. A. K. Taylor.
British Museum Catalogue of Birds, vol. 23; Catalogue of the Birds of the Tropical Islands of Polynesia; Catalogue of Fossil Birds; Catalogue of Cheloniens; Catalogue of Fossil Reptiles and Amphibia, 5 vols.; Catalogue of the Gigantic Land Tortoises.—Purchased.
Hawkin's Silver Coins of England.—Purchased.
Rutley's Study of Rocks; Rutley's Mineralogy; Hatch's Textbook of Petrology.—Purchased.
Kippis' Life of Cook; Lindt's Picturesque New Guinea; Lyne's New Guinea; Macdonald's Oceania; Romilly's Western Pacific and New Guinea; Romilly's From My Verandah in New Guinea; Travers' from New Zealand to Michigan.—Purchased.

Skull of Egyptian.—W. Buchanan.
Pair of English Squirrels, set up.—C. G. White.
Skin of Blue Rail.—Sergeant Cahill, Tauranga.
Six Living Specimens of the Diving Petrel.—E. B. Moss.
Albino Pheasant.—S. P. Moody, Opotiki.
Skin of Morepork.—H. Martin.
Eggs of Brown Duck.—A. Robinson.
Skin of Striped Rail.—J. Woodhouse.
Albino Hawk.—W. Andrews.
Blue Duck.—H. Mangakahia.
Yellow-bellied Albatross.—D. Hay.
Stuffed Swan.—Dr. Cox.
Sea Snake (*Pelamys bicolor*) washed up alive at the Bay of Islands.—J. H. Greenway.
Two Rubber Crabs (*Birgus latro*).—Messrs. Corcus and Gale.
New Zealand Shells.—C. Matthews.
New Zealand Shells.—E. B. Moss.
New Zealand Shells.—C. Spencer.
Specimens of *Patella Kermadecensis*.—Captain Fairchild.
Eggs of *Bulimus bovinus*.—J. T. Rayner.
Foreign Shells.—Allan Wight.
Leaf Insect from Fiji.—E. B. Laing.
Large Series of Tertiary Fossils from Wanganui.—E. B. Drew.
Tertiary Fossils from Rangitikei, Napier.—H. Roche.
Chalcedonic Quartz.—W. Hampton.
Radiated Iron Pyrites.—A. Williams.
Sandworn Stones from Waitotara.—R. N. Hawes.
Maori Stone Axe.—P. Black.
Large Greenstone Adze.—Deposited by A. Rintoul.
Kumara Spade.—W. S. Trayes.
Collection of Stone Axes.—J. Munro.
Stone Axes.—W. Pollard.

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Fern Pounder, Net Sinker.—N. McKenzie.
Carved Doorway of a Pataka; Flint and Obsidian Cores; Kumara Spade.—
F. D. Fenton.
Elaborately carved Maori House, formerly standing at Maketu, Bay of
Plenty.—Purchased from the chief Pokiha Taranui.
Curious carved Stone.—P. Durbridge.
Collection of Forty-two Specimens illustrating the Ethnography of the Sand-
wich Islands.—Exchange from the Honolulu Museum.
Model of Santa Cruz Canoe; San Cristoval Food Bowl; Drill for Boring
the discs of Shell Money.—Rev. R. B. Comins.
Old English Knife and Fork, date about 1650.—Mr. Gibbs.
Ornamental Wheelbarrow, Shovel and Pickaxe, used by the late Mr John
Williamson, Superintendent of the Province of Auckland, on turning
the first sod of the Thames Railway.—Mrs. Williamson.
Eight Swiss Coins.—E. Eugster.
Silver Coins.—R. Dillwynn.
Copper Coin.—P. Allaway.
Silver Coin.—W. Robinson.
Three Silver Coins.—R. Armitage.



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⇒ LIST OF MEMBERS ⇒

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FOR THE YEAR ENDING MARCH 31st, 1895.

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[HONORARY AND LIFE MEMBERS DISTINGUISHED THUS*].

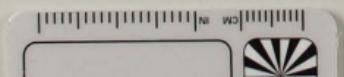
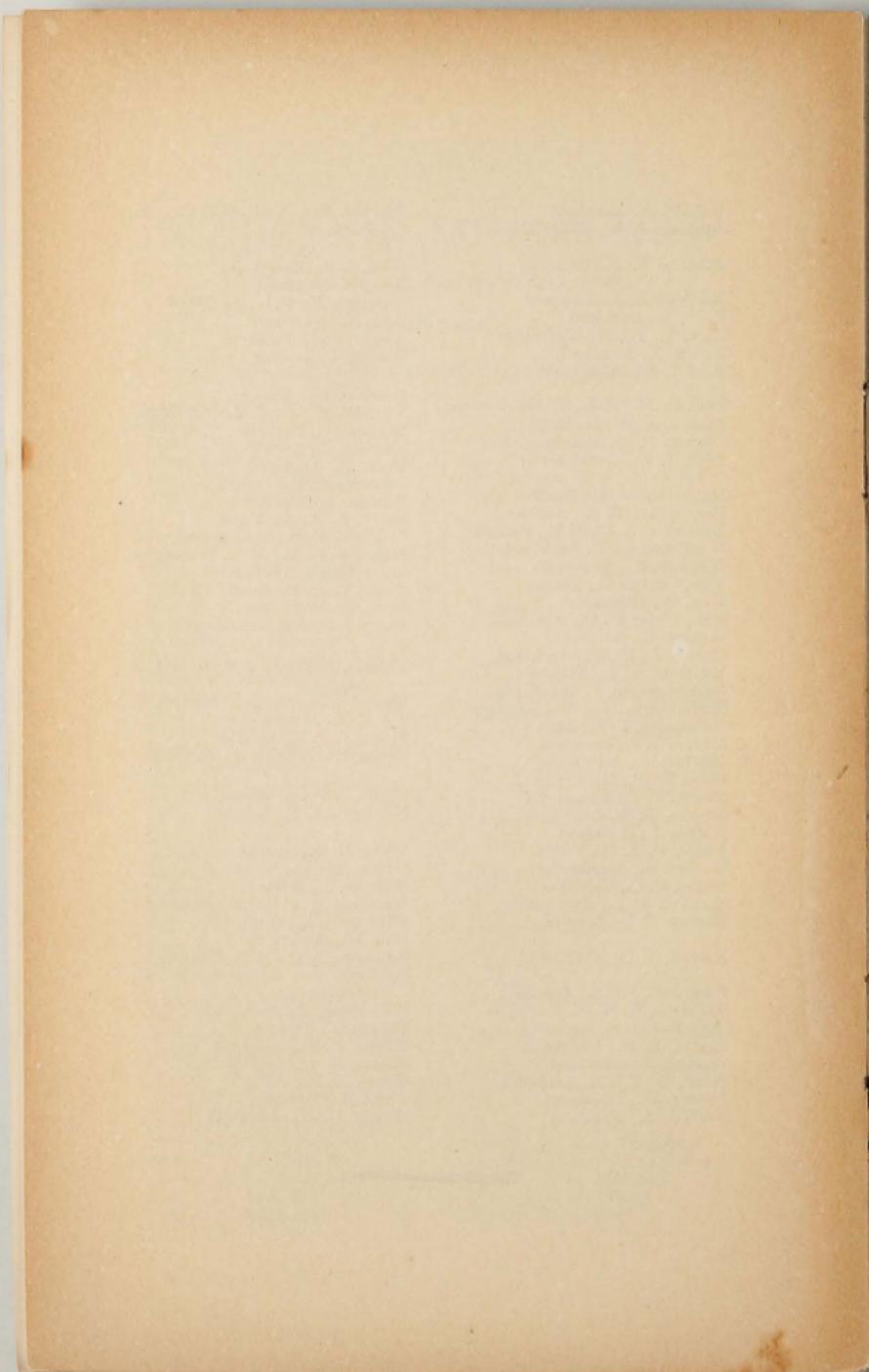
M	Adams, J., B.A., Thames	Cowie, Right Rev. W. G., D.D., Bishop of Auckland.
F	Aickin, G., Auckland	Cozens, G., Auckland
E	Aitken, W., Auckland	Craig, E., Auckland
F	Allen, T., Auckland	Cruickshank, D. B., Auckland
E	Argall, W. H., Coromandel	Cussen, L., Auckland
F	Arnold, C., Auckland	
S	Bagnall, L. J., Thames	Darby, P., Auckland
I	Bakewell, R. H., M.D., Auckland	Davies, Rev. H. S., Northcote
S	Baker, Rev. S. W., Auckland	Dawson, F. W. E., M.R.C.S., E., Auckland
S	Ball, T., Onehunga	Dignan, P. L., Auckland
I	Ball, W. T., Auckland	Dufaur, E. T., Auckland
S	Bartley, E., Devonport	
Z	Bates, Rev. J., Devonport	Eastham, S., Devonport
S	*Bates, T. L., Newcastle, N.S.W.	Edson, J., Devonport
Z	Batger, J., Auckland	Egerton, Prof. C. W., Auckland
S	Beere, D. M., C.E., Gisborne	Ehrenfried, L., Auckland
Z	Berry, W., Auckland	Ewington, F. G., Auckland
I	Brett, H., Auckland	
S	Brigham, J. M., Auckland	Farmer, J., London
Z	Brock, A., Auckland	Fenton, F. D., Kaipara
S	Brookes, E. S., jun., Wharehine	Fidler, W., Northcote
Z	Brown, Capt. T., F.E.S., Drury	Firth, J. C., Auckland
I	Brown, Prof. F. D., Auckland	Fowlds, G., Auckland
S	Brown, J., Epsom	
Z	Buchanan, J., Auckland	Garlick, R., Auckland
S	Buchanan, W., Devonport	George, C. S., Auckland
Z	*Buckland, A., Auckland	Girdler, Dr., Auckland
I	Buckland, W. F., Remuera	Goldie, D., Auckland
S	Bull, G. W., Thames	Gorrie, W., Auckland
Z	Burgess, E. W., Devonport	Grace, L. M., Taupo
I	*Burton, Colonel, Lake Takapuna	Graham, W. K., London
S		Gray, A., Remuera
Z		
I	Cameron, R., Auckland	Haines, C. H., M.D., F.R.G.S., Auckland
J	Campbell, H., Auckland	Haines, H., M.R.C.S., Auckland
J	Campbell, J. L., M.D., Auckland	Hardie, J., Auckland
J	Carr, R. C., Remuera	Harding, S., C.E., Auckland
C	Cheal, P. E., Auckland	Harris, J. D., Opua
J	Cheeseman, T. F., F.L.S., Auckland	Haszard, H. D. M., Auckland
C	Ching, T., Parnell	Hauitan, Hon. Col., Auckland
J	Choyce, H. C., Auckland	Henton, J. S., Auckland
C	Cochrane, W. S., Auckland	Hesketh, E., Auckland
J	Colbeck, Captain, Epsom	Herbert, T., Parnell
C	Combes, F. H., Auckland	
J	Cooper, C., Auckland	
C	Cooper, T., Auckland	

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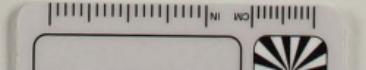
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Hill, W. J., Auckland
Hosking, A. A., Mount Eden
Johnson, H. D., Te Aroha
Kenderdine, J., Auckland
Kidd, A., Auckland
*Kirk, T., F.L.S., Wellington
Kirker, J., Auckland
*Kitt, T. W., Auckland
*Leaf, C. J., F.L.S., F.G.S., London
Lennox, J. M., Auckland
*Lennox, N. G., Sydney
Leys, T. W., Auckland
MacArthur, J. P., London
Mackechie, E. A., Auckland
Mackellar, E. D., M.D., Parnell
MacMillan, C. C., Auckland
Mahoney, T., Auckland
Mair, Captain G., Foxton
Mair, R., Whangarei
Mair, Major W. G., Auckland
Malfroy, C., Rotorua
Martin, J., F.G.S., Auckland
Masefield, T. T., Auckland
*Meinertzhagen, F. M., Napier
McCullough, Hon. W., Auckland
McLachlan, J. M., Auckland
McLaurin, J., Auckland
Mitchell, J., Auckland
Moat, W. P., Mahurangi
Moody, T. P., Kawakawa
Morton, H. B., Auckland
Morrin, T., Auckland
Monro, H. A. H., Parnell
Mueller, G., Auckland
Munro, G. C., Clevedon
Murdoch, D. L., Auckland
Murray, T. L., Thames
Nathan, L. D., Auckland
Park, Jas., F.G.S., Thames
Patterson, G. W. S., Kaikohe
Paul, Rev. J. S., Onehunga
Payton, E. W., Devonport
Peacock, T., Auckland
Petrie, D., F.L.S., Auckland
Philcox, W., Devonport
Pond, J. A., Auckland
Purchas, Rev. A. G., M.R.C.S., E.,
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Reed, J. R., Kawakawa
Reid, J., Auckland
Roberton, E., M.D., Auckland
Rose, R., Auckland
Russell, Jas., Auckland
*Russell, T., London
Scheidel, Dr., Thames
Scott West, Rev. R. J., Mt. Eden
Seddon, W., Rotorua
Seegner, C., Auckland
Shaw, H., Auckland
Shrewsbury, H., Parnell
Sinclair, A., Auckland
Smith, A. R., Auckland
Smith, H. G. S., Wellington
*Smith, S. P., F.R.G.S., Wellington
Smith, T. H., Auckland
Steele, T. J., Devonport
Steel, T., Melbourne
Stewart, J., C.E., Auckland
Thomas, Professor A.P.W., F.L.S.
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Thornton, Mrs. D. B., Maungakawa
*Tinne, H., London
Tinne, T. F. S., London
Tubbs, Professor H. A., Auckland
Upton, J. H., Auckland
Urquhart, A. T., Karaka
Wade, H. G., Auckland
Walsh, Rev. P., Waimate
Webster, J., Hokianga
*Weetman, S., F.R.G.S., Blenheim
Wildman, W., Auckland
Will, W., Auckland
Williams, T. O., M.D., Thames
Williams, Ven. Archdeacon W. L.,
Gisborne
Williamson, C., Auckland
Wilson, G., Thames
Wilson, H. M., Warkworth
Wilson, W. S., Auckland
Winks, J., Parnell
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Wright, G. W., Auckland

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